

# BIRDIE A FUNGICIDE FOR TURF AND ORNAMENTALS

## ACTIVE INGREDIENTS:

A coordination product of Zinc ion and Manganese ethylene bisdithiocarbamate in which the ingredients are

Manganese:	16%
Zinc:	2%
Ethylene bisdithio- carbamate:	62%

## INERT INGREDIENTS:

ACCEPTED	80%
UNION OF THE FEDERAL BUREAU OF INVESTIGATION FEDERAL BUREAU OF INVESTIGATION FEDERAL BUREAU OF INVESTIGATION FEDERAL BUREAU OF INVESTIGATION FEDERAL BUREAU OF INVESTIGATION	20%
TOTAL	100%

EPA REG. NO. 2749-64  
NET WEIGHT \_\_\_\_\_

## WARNING: KEEP OUT OF THE REACH OF CHILDREN.

MAY CAUSE IRRITATION OF EYES, NOSE, THROAT AND SKIN. DO NOT BREATHE DUST OR SPRAY MIST. IN CASE OF CONTACT, FLUSH WITH PLENTY OF WATER. FOR EYES, GET MEDICAL ATTENTION.

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS, OR PONDS. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT, OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

IMPORTANT: KEEP AWAY FROM FIRE AND SPARKS. DO NOT LET BIRDIE BECOME WET DURING STORAGE. STORE IN COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT REUSE EMPTY CONTAINER.

## GENERAL INFORMATION:

BIRDIE TURF AND ORNAMENTAL FUNGICIDE WHICH, WHEN USED ACCORDING TO DIRECTIONS, PROVIDES VERY HIGH FUNGICIDAL ACTIVITY AND IS SAFE FOR USE ON BOTH TURF GRASSES AND CERTAIN ORNAMENTALS. BIRDIE FUNGICIDE PROVIDES PROVEN CONTROL OF MOST COMMON TURF GRASS DISEASES AND IT IS ALSO EFFECTIVE IN CONTROLLING MAJOR FUNGUS DISEASES OF CERTAIN ORNAMENTALS.

DISEASES OF TURF GRASS AND ORNAMENTALS CAN ATTACK SUDDENLY AND UNEXPECTEDLY CAUSING SEVERE DAMAGE AND MAY EVEN RESULT IN TOTAL LOSS OF LARGE AREAS OF VALUABLE TURF GRASS AND ORNAMENTAL PLANTS. THE USE OF A REGULAR PROTECTIVE SPRAY PROGRAM WILL MINIMIZE THE RISK OF DISEASE DAMAGE AND CAN GENERALLY BE ACCOMPLISHED WITH LOWER RATES AND LESS FREQUENT FUNGICIDE APPLICATIONS. ONCE DISEASES HAVE BECOME ESTABLISHED, HIGHER RATES OF FUNGICIDE AND MORE FREQUENT APPLICATIONS ARE REQUIRED TO BRING THEM UNDER CONTROL. FOLLOW A REGULAR PROTECTIVE PROGRAM FOR MAXIMUM BIRDIE TURF AND ORNAMENTAL FUNGICIDE PERFORMANCE.

TO MIX, SLOWLY SIFT BIRDIE TURF AND ORNAMENTAL FUNGICIDE INTO SPRAY TANK WHILE IT IS BEING FILLED AND THE AGITATOR IS RUNNING. ADD INSECTICIDE AND NUTRITIONAL SPRAYS LAST. BIRDIE TURF AND ORNAMENTAL FUNGICIDE IS COMPATIBLE WITH MOST COMMONLY USED PESTICIDES.

## DIRECTIONS FOR USE - TURF DISEASES:

**Copper Spot, Red Thread, Fusarium Blight (F. Roseum), Slime Molds:** In a protective spray program, use BIRDIE at 4 to 6 ounces per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications when grass greens up in the spring and repeat every 7 to 14 days.

When conditions are especially favorable for disease development, increase BIRDIE Fungicide rate to 6 to 8 ounces per 1000 sq. ft. and repeat applications every 7 days until disease threat is passed.

**Helminthosporium Melting Out, Rhizoctonia Brown Patch, Rust:** Use BIRDIE at 4 ounces per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications when grass greens up in the spring and repeat every 7 to 14 days for Helminthosporium and Rust and every 7 days for Rhizoctonia control.

**Pythium Blight:** Use BIRDIE at 8 ounces per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications at first sign of disease and repeat at 5 day intervals or oftener if conditions are especially favorable for disease development. Continue until disease threat is passed.

**Dollar Spot (Sclerotinia):** In a protective spray program, use BIRDIE at 6 to 8 ounces per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications when grass greens up in the spring and repeat 7 to 14 days.

When conditions are especially favorable for Dollar Spot development, use BIRDIE at 8 ounces per 1000 sq. ft. and repeat applications every 7 days until disease threat is passed. A cadmium fungicide may be added to supplement Dollar Spot control under severe disease conditions.

**Algae Control in Ornamental Turf Grass:** Use BIRDIE at 6 ounces per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications when algae begins to appear and repeat every 7 days until threat is passed.

**Fusarium Snow Mold:** Use BIRDIE at 6 to 8 ounces per 1000 sq. ft. in sufficient water to provide adequate coverage. Make applications during the winter at a 2 to 6 week interval.

Follow local turf disease control recommendations for further details on timing of applications.

DO NOT GRAZE ANIMALS ON TREATED AREAS. DO NOT FEED CLIPPINGS TO LIVESTOCK.

**Ornamentals:** Use BIRDIE at 1½ lbs. per 100 gallons (1½ level tablespoons per gallon) in full coverage spray. Begin spraying when plants are well leafed-out and apply at 7 to 10 day intervals throughout the season or follow State Extension Service recommendations for control of:

- Roses - Black Spot
- Tris - Leaf Spot
- Dahlia - Botrytis Blight
- Pansy - Anthracnose
- Zinnia - Leaf Blight
- Carnation - Leaf Spot
- Lily - Botrytis Blight
- Snapdragon - Rust
- Tulip - Botrytis Blight (fire)
- Holly - Purple Spot
- Honeysuckle - Herposbasidium Blight

**Ornamental Crabapple - Scab, Cedar-apple, Rust** Peony - Phytophthora and Botrytis Blight. Apply in early spring and early fall, drenching soil around plants as well as the foliage. Destroy all infected parts promptly.

**Pachysandra - Volutella Blight.** Use a drenching spray of 2 lbs. BIRDIE in 50 gallons of water per 5000 sq. ft. of bed area. At least 5 applications about 10 to 14 days apart are required. Start at first sign of disease.

**Flowering Dogwood - Anthracnose.** Apply when buds begin to open, when bracts have fallen, 4 weeks later and again in late summer after flower buds for next season are formed.

**Azaleas, Camellias, Rhododendron - Petal Blight.** Spray 2 to 3 times a week while flowers are opening. Direct spray into flowers and spray ground under bushes thoroughly.

**Chrysanthemum - For Botrytis Petal Spot.** Use BIRDIE at 1 to 2 lbs. per 100 gallons or 1½ level tablespoons per gallon in full coverage spray. Apply twice weekly during the blooming season.

**Gladiolus - For Leaf and Flower Spot diseases caused by Curvularia and Botrytis.** Use BIRDIE at 1½ lbs. per 100 gallons per acre depending on size of plants. On flower spikes, use BIRDIE at ¾ lb. per 100 gallons per acre. Make regular weekly applications starting before diseases appear and increase to 2 or 3 applications per week after diseases appear and during wet weather.

NOTE: To improve wetting and distribution of BIRDIE spray, add 2 to 4 ounces of Spreader-Sticker per 100 gallons of spray.



ACETO CHEMICAL CO., INC.  
AGRI-CHEMICALS DIVISION  
126-02 NORTHERN BOULEVARD - FLUSHING, N.Y. 11368